

L Number	Hits	Search Text	DB	Time stamp
1	6990	((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 08:46
2	89446	((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 08:46
3	2235	((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 08:48
4	4237	((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 08:48
5	1535	((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 08:50
6	94	((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 08:49
7	15	(((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))) and ((impact\$4 or actual or land\$4) near3 position\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 08:54

8	79	<p>(((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and ((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))) not ((((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))) and ((impact\$4 or actual or land\$4) near3 position\$1)))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 08:55
10	0	<p>(((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and ((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))) not ((((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))) and ((impact\$4 or actual or land\$4) near3 position\$1))) not speed\$1</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 08:56

9	29	((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))) not ((((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))) and ((impact\$4 or actual or land\$4) near3 position\$1))) not displac\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 09:08
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11	50	((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))) not ((((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))) and ((impact\$4 or actual or land\$4) near3 position\$1))) not (((((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))) not ((((((nozzle\$1 or orifice\$1) and (quantit\$4 or amount) and (speed\$1) and (piezoelectric\$1 or piezo-electric\$1 or transducer\$1) and voltage\$1) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1))) and ((quantit\$4 or volume\$1 or amount\$1) same (discharg\$4 or drop\$6 or eject\$4))) and (((nozzle\$1 or orifice\$1) or (piezoelectric\$1 or piezo-electric\$1 or transducer\$1)) same (group\$1 or block\$1) same (volatge\$1 or magnitude\$1 or amplitude\$1))) and ((impact\$4 or actual or land\$4) near3 position\$1))) not displac\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 09:08
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